

AMENDMENTS TO THE SPECIFICATION

Please insert the following new paragraph [0001] beginning at page 1, immediately preceding the heading “Technical Field”:

Reference to Sequence Listing Submitted Via EFS-Web

[0001] The entire content of the following electronic submission of the Sequence Listing via the USPTO EFS-WEB server, as authorized and set forth in MPEP §1730 II.B.2(a)(C), is incorporated herein by reference in its entirety for all purposes. The Sequence Listing is identified on the electronically filed .txt file as follows:

File Name	Date of Creation	Size (bytes)
532212000100seqlist.txt	June 25, 2007	4,617 bytes

Please replace paragraphs [0121]-[0123] beginning at page 26, with the following amended paragraphs:

[0121] Human calcitonin (1-32), P. Sieber *et al.*, *Helv. Chim. Acta* 51:2057 (1968), K.H. Antonin *et al.*, *Clin. Sci.* 83:627 (1992), is obtained or synthesized comprising an amino acid sequence:

CGNLSTCMLG TYTQDFNKFH TFPQTAIGVG AP (SEQ ID NO:1)

[0122] Amino terminal calcitonin protein fragments are synthesized comprising:

CGNLSTCMLGTYTQ (SEQ ID NO:2) Calcitonin (1-14)

CGNLSTCMLGTYTQD (SEQ ID NO:3) Calcitonin (1-15)

[0123] A carboxyl terminal calcitonin protein fragment is synthesized comprising:

NKFHTFPQTAIGVGAP (SEQ ID NO:4) Calcitonin (17-32)

Please replace paragraphs [0128]-[0130] beginning at page 27, with the following amended paragraphs:

[0128] Human PTH (1-84) is obtained or synthesized comprising an amino acid sequence:

SVSEIQLMHN LGKHLNSMER VEWLRRKKLQD VHNFVALGAP LAPRDAGSQR
PRKKEDNVLV ESHEKSLGEA NKADVNVLTAKSQ (SEQ ID NO:5)

[0129] Human PTH (1-34) is obtained comprising an amino acid sequence:

SVSEIQLMHN LGKHLNSMER VEWLRRKKLQD VHNF (SEQ ID NO:6)

[0130] PTH protein fragments are synthesized comprising:

VSEIQLMHN LGKHLNSMER VEWLRRKKLQD VHNF (<u>SEQ ID NO:7</u>)	PTH (2-34)
SEIQLMHN LGKHLNSMER VEWLRRKKLQD VHNF (<u>SEQ ID NO:8</u>)	PTH (3-34)
EKSLGEA NKADVNVLTAKSQ (<u>SEQ ID NO:9</u>)	PTH (64-84)
EKSLGEA NKADVNVLTAKS (<u>SEQ ID NO:10</u>)	PTH (64-83)
EKSLGEA NKADVNVLTAK (<u>SEQ ID NO:11</u>)	PTH (64-82)